

Notice of Allowability

Application No.

10/672,252

Applicant(s)

CRAFT ET AL.

Examiner

Art Unit

Michael D. Pham

2167

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/22/07.
2. ☒ The allowed claim(s) is/are 26-33 and 45-53.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>6/7/07</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. Claims 26-33 and 45-53 are pending in this office action.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Daniel J. Burns (reg. 50, 222) on June 7, 2007.

In the claims:

Please replace original claims 26, 45, and 53 with amended claim 26, 45, and 53.

Claim 26:

A computer program product, tangibly stored on a computer-readable storage medium, the program comprising instructions operable to cause a computer to:

present to a user a storage interface to receive location information from the user to identify a storage location identifier for a data asset to be saved;

link the storage interface to a searchable tag database of concept data elements, asset references, and associations, the concept data elements each representing a concept and having a hierarchy specified by concept hierarchy information, the asset references each comprising a storage location identifier for a corresponding one of a plurality of data assets, and the

associations representing different types of relations between one of the plurality of data assets and one of a plurality of concepts represented by the concept data elements;

receive from the user through the storage interface the location information for the data asset to be saved and a selection identifying a concept and a relation between the concept and the data asset to be saved; and

store in the tag database an asset reference for the data asset to be saved and create in the tag database an association representing the identified relation between the data asset to be saved and the identified concept.

Claim 45:

A computer-implemented method comprising:

presenting to a user a storage interface to receive location information from the user to identify a storage location identifier for a data asset to be saved;

linking the storage interface to a searchable tag database of concept data elements, asset references, and associations, the concept data elements each representing a concept and having a hierarchy specified by concept hierarchy information, the asset references each comprising a storage location identifier for a corresponding one of a plurality of data assets, and the associations representing different types of relations between one of the plurality of data assets and one of a plurality of concepts represented by the concept data elements;

receiving from the user through the storage interface the location information for the data asset to be saved and a selection identifying a concept and a relation between the concept and the data asset to be saved; and

storing in the tag database of a memory an asset reference for the data asset to be saved and creating in the tag database an association representing the identified relation between the data asset to be saved and the identified concept.

Claim 53:

A computer system comprising:

a processor;

means ~~[[to]]~~ for ~~[[present to]]~~ presenting a user a storage interface to receive location information from the user to identify a storage location identifier for a data asset to be saved;

means ~~[[to]]~~ for linking the storage interface to a searchable tag database of concept data elements, asset references, and associations, the concept data elements each representing a concept and having a hierarchy specified by concept hierarchy information, the asset references each comprising a storage location identifier for a corresponding one of a plurality of data assets, and the associations representing different types of relations between one of the plurality of data assets and one of ~~[[the]]~~ a plurality of concepts represented by the concept data elements;

means ~~[[to]]~~ for ~~[[receive]]~~ receiving from the user through the storage interface the location information for the data asset to be saved and a selection identifying a concept and a relation between the concept and the data asset to be saved; and

means ~~[[to]]~~ for ~~[[store]]~~ storing in the tag database of a memory an asset reference for the data asset to be saved and ~~[[create]]~~ creating in the tag database an association representing the identified relation between the data asset to be saved and the identified concept.

Allowable Subject Matter

Art Unit: 2167

3. Claims 26 – 33 and 45-53 are allowed.

4. The following is a statement of reasons for the indication of allowable subject matter:

The claimed invention of claims 26, 45, and 53 are directed to presenting a user storage interface to receive location information from the user to identify a storage location identifier for a data asset to be saved.

With respect to independent claims 26 and 45, the prior art of record, single or in combination, does not teach or fairly suggest the particular step “link the storage interface to a searchable tag database of concept data elements, asset references, and associations, the concept data elements each representing a concept and having a hierarchy specified by concept hierarchy information, the asset references each comprising a storage location identifier for a corresponding one of a plurality of data assets, and the associations representing different types of relations between one of the plurality of concepts represented by concept data elements” in combination with the all the claimed limitations recited in the independent claims.

The dependent claims 27 – 33 and 46-52 are depending on claims 26 and 45, which are also distinct from the prior art for the same reasons above.

With respect to independent claim 53, the prior art of record, single or in combination, does not teach or fairly suggest the particular step “means for linking the storage interface to a searchable tag database of concept data elements, asset references, and associations, the concept data elements each representing a concept and having a hierarchy specified by concept hierarchy information, the asset references each comprising a storage location identifier for a corresponding one of a plurality of data assets, and the associations representing different types

Art Unit: 2167

of relations between one of the plurality of data assets and one of a plurality of concepts represented by the concept data elements;

means for storing in the tag database of a memory an asset reference for the data asset to be saved and creating in the tag database an association representing the identified relation between the data asset to be saved and the identified concept” in combination with all the claimed elements. Accordingly, claim 53 is statutory and distinct over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael D. Pham whose telephone number is (571)272-3924. The examiner can normally be reached on Monday - Friday 9am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on 571-272-7079. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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